



UNIVERSITY  
OF BRESCIA

DEPARTMENT OF ECONOMICS AND MANAGEMENT

## **WEBINAR**

# **“What 300-dimensional fridges can tell us about language”**

***Prof. Dirk Hovy***  
*Bocconi University*

***Chair: Prof. Maurizio Carpita***  
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**May 17<sup>th</sup>, 2022**  
**10.00 hrs CEST (UTC+2)**  
**Sala Biblioteca, S. Faustino building**

**Live presentation on: Google Meet**  
**[Registration form here >>](#)**

### **ABSTRACT**

Embeddings are a new way of representing words (a direct implementation of the distributional hypothesis by Firth) as points in a multi-dimensional vector space. This is not unlike arranging word magnets on a fridge. Each word's position relative to all others is determined by the contextual similarity to all other words, thereby determining semantic and syntactic groupings. The resulting vector representations of words have turned out to capture a variety of latent factors, from lexical semantics to syntax to socio-demographic aspects to societal attitudes.

**PQD RICERCA DEM**

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